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<120> Methods of Inhibiting Inflammation

<130> 18989-033

<140> 10/808,052
<141> 2004-03-24

<150> 60/457,048
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<170> PatentIn Ver. 2.1

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Leu Tyr Lys Leu Thr Tyr Ser Thr Glu Val Leu Leu Asp Arg Gly Lys
         35                  40                  45

Gly Lys Leu Gln Asp Ser Val Gly Tyr Arg Ile Ser Ser Asn Val Asp
     50                  55                  60

Val Ala Leu Leu Trp Arg Asn Pro Asp Gly Asp Asp Asp Gln Leu Ile
 65                  70                  75                  80

Gln Ile Thr Met Lys Asp Val Asn Val Glu Asn Val Asn Gln Gln Arg
                 85                  90                  95

Gly Glu Lys Ser Ile Phe Lys Gly Lys Ser Pro Ser Lys Ile Met Gly
            100                 105                 110

Lys Glu Asn Leu Glu Ala Leu Gln Arg Pro Thr Leu Leu His Leu Ile
        115                 120                 125

His Gly Lys Val Lys Glu Phe Tyr Ser Tyr Gln Asn Glu Ala Val Ala
    130                 135                 140

Ile Glu Asn Ile Lys Arg Gly Leu Ala Ser Leu Phe Gln Thr Gln Leu
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Ser Cys Lys Ile Ala Arg Ser Gly Phe Thr Thr Pro Asn Gln Val Leu
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Ser Phe Val Ile Ala Val Leu Ala Glu Glu Thr His Asn Phe Gly Leu
225                 230                 235                 240

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Lys Glu Val Leu Pro Gln Leu Val Asp Ala Val Thr Ser Ala Gln Thr
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Ser Asp Ser Leu Glu Ala Ile Leu Asp Phe Leu Asp Phe Lys Ser Asp
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Ser Ser Ile Ile Leu Gln Glu Arg Phe Leu Tyr Ala Cys Gly Phe Ala
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Ser His Pro Asn Glu Glu Leu Leu Arg Ala Leu Ile Ser Lys Phe Lys
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Gly Thr Leu Val Arg Lys Leu Cys Gln Asn Glu Gly Cys Lys Leu Lys
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Ser Gly Asp Pro Ile Ser Val Val Lys Gly Leu Ile Leu Leu Ile Asp
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His Ser Gln Glu Leu Gln Leu Gln Ser Gly Leu Lys Ala Asn Ile Glu
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Val Gln Phe Ser Gln Tyr Pro Phe Leu Val Cys Met Gln Met Asp Lys
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Asp Glu Ala Pro Phe Arg Gln Phe Glu Lys Lys Tyr Glu Arg Leu Ser
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Thr Gly Arg Gly Tyr Val Ser Gln Lys Arg Lys Glu Ser Val Leu Ala
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Leu Tyr Lys Leu Thr Tyr Ser Thr Glu Val Phe Leu Asp Gly Gly Lys
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Gly Lys Pro Gln Asp Ser Val Gly Tyr Lys Ile Ser Ser Asp Val Asp
     50                  55                  60

Val Val Leu Leu Trp Arg Asn Pro Asp Gly Asp Asp Asp Gln Val Ile
 65                  70                  75                  80

Gln Val Thr Ile Thr Ala Val Asn Val Glu Asn Ala Gly Gln Gln Arg
                 85                  90                  95

Gly Glu Lys Ser Ile Phe Gln Gly Lys Ser Thr Pro Lys Ile Ile Gly
            100                 105                 110

Lys Asp Asn Leu Glu Ala Leu Gln Arg Pro Met Leu Leu His Leu Val
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Arg Gly Lys Val Lys Glu Phe Tyr Ser Tyr Glu Asn Glu Pro Val Gly
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Ile Glu Asn Leu Lys Arg Gly Leu Ala Ser Leu Phe Gln Met Gln Leu
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Ser Ser Gly Thr Thr Asn Glu Val Asp Ile Ser Gly Asp Cys Lys Val
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Thr Tyr Gln Ala Gln Gln Asp Lys Val Val Lys Ile Lys Ala Leu Asp
            180                 185                 190

Thr Cys Lys Ile Glu Arg Ser Gly Phe Thr Thr Ala Asn Gln Val Leu
        195                 200                 205

Gly Val Ser Ser Lys Ala Thr Ser Val Thr Thr Tyr Lys Ile Glu Asp
    210                 215                 220

Ser Phe Val Thr Ala Val Leu Ala Glu Glu Thr Arg Ala Phe Ala Leu
225                 230                 235                 240

Asn Phe Gln Gln Thr Ile Ala Gly Lys Ile Val Ser Lys Gln Lys Leu
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Glu Leu Lys Thr Thr Glu Ala Gly Pro Arg Met Ile Pro Gly Lys Gln
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Val Ala Gly Val Ile Lys Ala Val Asp Ser Lys Tyr Lys Ala Ile Pro
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Ser Lys Ala Glu Ala Val Gln Ser Phe Leu Ala Phe Ile Gln His Leu
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Arg Thr Ser Arg Arg Glu Glu Ile Leu Gln Ile Leu Lys Ala Glu Lys
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Lys Glu Val Leu Pro Gln Leu Val Asp Ala Val Thr Ser Ala Gln Thr
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Ser Ser Ile Ile Leu Gln Glu Arg Phe Leu Tyr Ala Cys Gly Phe Ala
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Thr His Pro Asp Glu Glu Leu Leu Arg Ala Leu Leu Ser Lys Phe Lys
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Gly Ser Phe Ala Ser Asn Asp Ile Arg Glu Ser Val Met Ile Ile Ile
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Gly Ala Leu Val Arg Lys Leu Cys Gln Asn Glu Gly Cys Lys Leu Lys
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Ala Val Val Glu Ala Lys Lys Leu Ile Leu Gly Gly Leu Glu Lys Pro
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Glu Lys Lys Glu Asp Thr Thr Met Tyr Leu Leu Ala Leu Lys Asn Ala
465                 470                 475                 480

Leu Leu Pro Glu Gly Ile Pro Leu Leu Leu Lys Tyr Ala Glu Ala Gly
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Glu Gly Pro Val Ser His Leu Ala Thr Thr Val Leu Gln Arg Tyr Asp
            500                 505                 510

Val Ser Phe Ile Thr Asp Glu Val Lys Lys Thr Leu Asn Arg Ile Tyr
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His Gln Asn Arg Lys Val His Glu Lys Thr Val Arg Thr Thr Ala Ala
    530                 535                 540

Ala Val Ile Leu Lys Asn Pro Ser Tyr Met Asp Val Lys Asn Ile Leu
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Leu Ser Ile Gly Glu Leu Pro Lys Glu Met Asn Lys Tyr Met Leu Thr
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Val Val Gln Asp Ile Leu His Phe Glu Met Pro Ala Ser Lys Met Ile
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660 665 670

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Gln Gly Gly Leu Ala Ile Asp Ile Ser Gly Ser Met Glu Phe Ser Leu
755 760 765

Trp Tyr Arg Glu Ser Lys Thr Arg Val Lys Asn Arg Val Ala Val Val
770 775 780

Ile Thr Ser Asp Val Thr Val Asp Ala Ser Phe Val Lys Ala Gly Leu
785 790 795 800

Glu Ser Arg Ala Glu Thr Glu Ala Gly Leu Glu Phe Ile Ser Thr Val
805 810 815

Gln Phe Ser Gln Tyr Pro Phe Leu Val Cys Met Gln Met Asp Lys Ala
820 825 830

Glu Ala Pro Leu Arg Gln Phe Glu Thr Lys Tyr Glu Arg Leu Ser Thr
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Gly Arg Gly Tyr Val Ser Arg Arg Arg Lys Glu Ser Leu Val Ala Gly
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Cys Glu Leu Pro Leu His Gln Gln Asn Ser Glu Met Cys Asn Val Val
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             20                  25                  30

Glu Asn Val Xaa Leu Val Cys Pro Lys Asp Xaa Thr Arg Phe Xaa His
         35                  40                  45

Leu Xaa Lys Xaa Xaa Thr Tyr Asn Tyr Glu Ala Glu Ser Ser Ser Gly
     50                  55                  60

Val Pro Gly Thr Ala Xaa Ser Arg Ser Ala Thr Arg Xaa Asn Cys Lys
 65                  70                  75                  80

Xaa Glu Leu Glu Val Pro Gln Leu Cys Ser Phe Ile Leu Lys Xaa Ser
                 85                  90                  95

Gln Cys Thr Leu Lys Glu Val Tyr Gly Phe Asn Pro Glu Gly Lys Ala
            100                 105                 110

Leu Leu Lys Lys Thr Lys Asn Ser Xaa Glu Xaa Ala Ala Ala Met Ser
        115                 120                 125

Arg Xaa Glu Leu Lys Leu Ala Ile Pro Glu Gly Lys Gln Val Phe Leu
    130                 135                 140

Tyr Pro Glu Lys Asp Glu Pro Thr Tyr Ile Leu Asn Ile Lys Arg Gly
145                 150                 155                 160

Ile Ile Ser Ala Leu Leu Val Pro Pro Glu Xaa Glu Glu Ala Lys Gln
                165                 170                 175

Xaa Leu Phe Xaa Asp Thr Val Tyr Gly Asn Cys Ser Thr His Phe Thr
            180                 185                 190

Val Lys Thr Arg Xaa Gly Asn Xaa Ala Thr Xaa Xaa Ser Thr Glu Arg
        195                 200                 205

Asp Leu Gly Gln Cys Asp Arg Phe Lys Pro Ile Arg Thr Gly Ile Ser
    210                 215                 220

Pro Xaa Ala Leu Ile Lys Gly Met Xaa Arg Pro Leu Ser Thr Leu Ile
225                 230                 235                 240

Xaa Ser Xaa Gln Ser Cys Gln Xaa Thr Leu Asp Ala Lys Arg Lys His
                245                 250                 255

Val Ala Glu Ala Xaa Cys Lys Glu Gln
```

260 265

<210> 12
<211> 335
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)..(335)
<223> Wherein Xaa is any amino acid.

<400> 12
Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp
1 5 10 15

Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln
20 25 30

Ile Ser Ser Phe Ala Asn Ser Ser Trp Thr Arg Thr Asp Gly Leu Ala
35 40 45

Trp Leu Gly Glu Leu Gln Thr His Xaa Trp Ser Asn Asp Ser Asp Thr
50 55 60

Val Arg Xaa Xaa Lys Pro Trp Ser Gln Gly Thr Phe Ser Asp Gln Gln
65 70 75 80

Trp Glu Thr Leu Gln His Ile Phe Arg Val Tyr Arg Ser Ser Phe Thr
85 90 95

Xaa Asp Xaa Lys Glu Xaa Ala Lys Xaa Xaa Arg Leu Ser Tyr Pro Leu
100 105 110

Glu Leu Gln Xaa Ser Ala Gly Cys Glu Xaa His Pro Gly Asn Ala Ser
115 120 125

Asn Asn Phe Phe His Val Ala Phe Gln Gly Lys Asp Ile Leu Ser Phe
130 135 140

Gln Gly Thr Ser Xaa Glu Pro Xaa Gln Glu Ala Pro Xaa Trp Val Asn
145 150 155 160

Leu Ala Xaa Gln Xaa Leu Asn Gln Asp Lys Trp Thr Xaa Glu Thr Xaa
165 170 175

Gln Trp Leu Leu Asn Gly Thr Cys Pro Gln Phe Val Ser Gly Leu Leu
180 185 190

Glu Ser Gly Lys Ser Glu Leu Lys Lys Gln Val Lys Pro Lys Xaa Trp
195 200 205

Leu Ser Arg Gly Pro Xaa Pro Xaa Pro Gly Arg Leu Leu Leu Xaa Cys
210 215 220

His Val Ser Gly Xaa Tyr Pro Lys Pro Val Trp Val Lys Trp Xaa Xaa

```
225                 230                 235                 240

Gly Glu Gln Glu Gln Gln Gly Thr Gln Pro Xaa Asp Xaa Xaa Pro Asn
                245                 250                 255

Xaa Asp Glu Thr Trp Tyr Leu Arg Ala Thr Leu Xaa Val Xaa Ala Gly
            260                 265                 270

Glu Ala Xaa Gly Leu Ser Cys Arg Val Lys His Ser Ser Leu Xaa Gly
        275                 280                 285

Gln Asp Ile Val Leu Tyr Trp Gly Gly Ser Tyr Thr Ser Met Gly Leu
    290                 295                 300

Ile Ala Leu Ala Val Leu Ala Cys Leu Leu Phe Leu Leu Ile Val Gly
305                 310                 315                 320

Phe Thr Ser Arg Phe Lys Arg Gln Thr Ser Tyr Gln Gly Val Leu
                325                 330                 335


<210> 13
<211> 210
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)..(210)
<223> Wherein Xaa is any amino acid.

<400> 13
Lys Cys Val Gln Ser Xaa Lys Pro Ser Leu Met Ile Gln Lys Ala Xaa
  1               5                  10                  15

Xaa Gln Ala Leu Arg Lys Met Glu Pro Lys Asp Lys Asp Gln Glu Val
            20                  25                  30

Leu Leu Gln Thr Phe Leu Asp Asp Ala Ser Pro Gly Asp Xaa Arg Xaa
        35                  40                  45

Ala Ala Xaa Leu Met Xaa Xaa Arg Ser Pro Ser Gln Ala Asp Xaa Asn
    50                  55                  60

Lys Ile Val Gln Xaa Leu Pro Trp Glu Gln Asn Glu Gln Val Lys Asn
65                  70                  75                  80

Xaa Val Ala Xaa His Ile Ala Asn Xaa Leu Asn Ser Glu Glu Xaa Asp
                85                  90                  95

Xaa Gln Asp Leu Lys Lys Leu Val Xaa Glu Ala Xaa Lys Glu Ser Gln
            100                 105                 110

Leu Pro Thr Val Met Asp Phe Arg Lys Phe Ser Arg Asn Tyr Gln Leu
        115                 120                 125

Tyr Lys Ser Val Xaa Leu Pro Ser Leu Asp Pro Xaa Ser Xaa Lys Ile
```

```
    130                 135                 140

Glu Gly Asn Leu Xaa Phe Asp Pro Asn Asn Xaa Leu Pro Lys Glu Ser
145                 150                 155                 160

Met Xaa Xaa Thr Thr Leu Thr Ala Phe Gly Phe Ala Ser Xaa Asp Xaa
                165                 170                 175

Xaa Glu Ile Xaa Leu Glu Gly Lys Gly Phe Glu Pro Thr Leu Xaa Ala
            180                 185                 190

Xaa Phe Gly Lys Gln Xaa Phe Phe Pro Xaa Ser Val Asn Lys Ala Leu
        195                 200                 205

Tyr Trp
    210


<210> 14
<211> 301
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)..(301)
<223> Wherein Xaa is any amino acid.

<400> 14
Phe Ser Tyr Asn Asn Lys Tyr Gly Met Val Ala Gln Val Thr Gln Thr
  1               5                  10                  15

Leu Lys Leu Glu Asp Thr Pro Lys Ile Asn Ser Arg Phe Phe Gly Glu
             20                  25                  30

Gly Thr Xaa Lys Met Gly Leu Ala Xaa Glu Ser Thr Lys Ser Thr Ser
         35                  40                  45

Pro Pro Lys Xaa Ala Glu Ala Val Xaa Xaa Xaa Leu Gln Glu Leu Lys
     50                  55                  60

Lys Leu Thr Ile Ser Xaa Gln Xaa Ile Gln Arg Ala Xaa Leu Phe Asn
 65                  70                  75                  80

Xaa Xaa Val Thr Glu Leu Arg Gly Leu Ser Asp Glu Ala Val Thr Ser
                 85                  90                  95

Xaa Leu Pro Gln Leu Ile Glu Xaa Ser Ser Pro Xaa Xaa Leu Gln Ala
            100                 105                 110

Leu Val Gln Cys Gly Xaa Pro Gln Cys Ser Thr His Ile Xaa Gln Xaa
        115                 120                 125

Leu Lys Xaa Val His Ala Asn Pro Leu Leu Ile Asp Val Val Thr Tyr
    130                 135                 140

Leu Val Ala Leu Xaa Pro Glu Pro Ser Ala Gln Gln Xaa Arg Glu Ile
```

```
145                 150                 155                 160

Phe Asn Met Ala Arg Xaa Gln Arg Ser Arg Ala Thr Leu Tyr Ala Leu
                165                 170                 175

Ser His Ala Val Asn Asn Tyr His Lys Xaa Asn Pro Xaa Gly Thr Gln
            180                 185                 190

Glu Leu Xaa Asp Ile Ala Asn Xaa Leu Met Glu Gln Ile Gln Asp Asp
        195                 200                 205

Cys Xaa Gly Asp Glu Asp Tyr Thr Tyr Leu Xaa Leu Arg Xaa Ile Gly
    210                 215                 220

Asn Met Gly Gln Thr Met Glu Gln Leu Thr Pro Glu Leu Lys Ser Xaa
225                 230                 235                 240

Ile Leu Lys Cys Val Gln Ser Thr Lys Pro Ser Xaa Xaa Ile Gln Lys
                245                 250                 255

Ala Ala Ile Gln Xaa Leu Arg Lys Met Glu Pro Lys Asp Lys Asp Gln
            260                 265                 270

Xaa Xaa Leu Leu Gln Thr Phe Leu Asp Asp Ala Ser Pro Gly Asp Lys
        275                 280                 285

Arg Leu Ala Ala Tyr Leu Met Leu Xaa Arg Ser Pro Ser
    290                 295                 300


<210> 15
<211> 335
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)..(335)
<223> Wherein Xaa is any amino acid.

<400> 15
Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp
  1               5                  10                  15

Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln
             20                  25                  30

Ile Ser Ser Phe Ala Asn Ser Ser Trp Thr Arg Thr Asp Gly Leu Ala
         35                  40                  45

Trp Leu Gly Glu Leu Gln Thr His Xaa Trp Ser Asn Asp Ser Asp Thr
     50                  55                  60

Val Arg Xaa Xaa Lys Pro Trp Ser Gln Gly Thr Phe Ser Asp Gln Gln
 65                  70                  75                  80

Trp Glu Thr Leu Gln His Ile Phe Arg Val Tyr Arg Ser Ser Phe Thr
```

```
                85                  90                  95

Xaa Asp Xaa Lys Glu Xaa Ala Lys Xaa Xaa Arg Leu Ser Tyr Pro Leu
            100                 105                 110

Glu Leu Gln Xaa Ser Ala Gly Cys Glu Xaa His Pro Gly Asn Ala Ser
        115                 120                 125

Asn Asn Phe Phe His Val Ala Phe Gln Gly Lys Asp Ile Leu Ser Phe
    130                 135                 140

Gln Gly Thr Ser Xaa Glu Pro Xaa Gln Glu Ala Pro Xaa Trp Val Asn
145                 150                 155                 160

Leu Ala Xaa Gln Xaa Leu Asn Gln Asp Lys Trp Thr Xaa Glu Thr Xaa
                165                 170                 175

Gln Trp Leu Leu Asn Gly Thr Cys Pro Gln Phe Val Ser Gly Leu Leu
            180                 185                 190

Glu Ser Gly Lys Ser Glu Leu Lys Lys Gln Val Lys Pro Lys Xaa Trp
        195                 200                 205

Leu Ser Arg Gly Pro Xaa Pro Xaa Pro Gly Arg Leu Leu Leu Xaa Cys
    210                 215                 220

His Val Ser Gly Xaa Tyr Pro Lys Pro Val Trp Val Lys Trp Xaa Xaa
225                 230                 235                 240

Gly Glu Gln Glu Gln Gln Gly Thr Gln Pro Xaa Asp Xaa Xaa Pro Asn
                245                 250                 255

Xaa Asp Glu Thr Trp Tyr Leu Arg Ala Thr Leu Xaa Val Xaa Ala Gly
            260                 265                 270

Glu Ala Xaa Gly Leu Ser Cys Arg Val Lys His Ser Ser Leu Xaa Gly
        275                 280                 285

Gln Asp Ile Val Leu Tyr Trp Gly Gly Ser Tyr Thr Ser Met Gly Leu
    290                 295                 300

Ile Ala Leu Ala Val Leu Ala Cys Leu Leu Phe Leu Leu Ile Val Gly
305                 310                 315                 320

Phe Thr Ser Arg Phe Lys Arg Gln Thr Ser Tyr Gln Gly Val Leu
                325                 330                 335


<210> 16
<211> 335
<212> PRT
<213> Homo sapiens

<220>
<221> VARIANT
<222> (1)..(335)
<223> Wherein Xaa is any amino acid.
```

<400> 16

```
Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp
  1               5                  10                  15

Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln
             20                  25                  30

Ile Ser Ser Phe Ala Asn Ser Ser Trp Thr Xaa Thr Asp Gly Leu Ala
         35                  40                  45

Xaa Leu Gly Glu Leu Gln Thr His Ser Trp Ser Xaa Asp Ser Asp Thr
     50                  55                  60

Xaa Xaa Xaa Leu Lys Pro Trp Ser Gln Gly Thr Phe Ser Xaa Gln Xaa
 65                  70                  75                  80

Trp Glu Thr Leu Xaa His Ile Phe Xaa Xaa Tyr Arg Ser Ser Phe Thr
                 85                  90                  95

Arg Asp Val Lys Glu Phe Ala Lys Xaa Leu Arg Leu Ser Tyr Pro Xaa
            100                 105                 110

Glu Leu Gln Xaa Xaa Ala Gly Cys Glu Val His Pro Gly Xaa Ala Ser
        115                 120                 125

Asn Asn Phe Phe His Xaa Ala Xaa Gln Gly Xaa Asp Ile Leu Ser Phe
    130                 135                 140

Gln Gly Thr Ser Trp Glu Pro Thr Gln Glu Ala Pro Xaa Trp Val Asn
145                 150                 155                 160

Leu Ala Ile Gln Xaa Leu Asn Gln Asp Lys Trp Thr Arg Xaa Thr Val
                165                 170                 175

Gln Trp Leu Leu Asn Gly Thr Cys Pro Gln Phe Val Ser Gly Leu Leu
            180                 185                 190

Glu Xaa Gly Lys Xaa Glu Leu Lys Lys Gln Xaa Lys Pro Lys Ala Xaa
        195                 200                 205

Leu Ser Arg Gly Pro Ser Pro Gly Pro Gly Arg Leu Leu Leu Val Cys
    210                 215                 220

His Val Xaa Gly Phe Tyr Pro Lys Pro Val Trp Xaa Lys Trp Xaa Arg
225                 230                 235                 240

Gly Glu Gln Glu Gln Gln Gly Thr Gln Pro Gly Asp Ile Leu Pro Asn
                245                 250                 255

Xaa Asp Glu Thr Trp Tyr Leu Arg Ala Thr Leu Asp Xaa Xaa Ala Gly
            260                 265                 270

Glu Ala Ala Gly Leu Xaa Cys Arg Val Lys His Ser Ser Leu Glu Gly
        275                 280                 285

Gln Xaa Xaa Xaa Leu Tyr Trp Gly Gly Ser Tyr Thr Ser Met Gly Leu
```

290 295 300

Ile Ala Leu Ala Val Leu Ala Cys Leu Xaa Phe Leu Leu Ile Val Gly
305 310 315 320

Phe Thr Ser Arg Phe Lys Arg Gln Thr Ser Tyr Gln Gly Val Leu
325 330 335